Application Serial No.: 10/561.010

Inventor(s): Bouet-Griffon et al. Attorney Docket No.: 2901683-000026

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the

application. Please amend the claims as follows:

1. (currently amended) An auto body roof comprising at least one steel frame and a skin

part made comprising an aluminium alloy attached to the steel frame before painting, said

aluminium alloy comprises a sheet that has been treated by solution, quenching and age-

hardening at room temperature and said alloy has with the following composition in wt%:

Si: 0.7-1.3, Fe < 0.5, Cu: 0.8[[5]]-1.1, Mn: 0.4-1.0, Mg: 0.6-1.2, Zn < 0.7, Cr < 0.25,

Zr+Ti < 0.20, other elements < 0.05 each and < 0.15 total, remainder aluminium, wherein after

solution treatment, quenching and age-hardening for three weeks at room temperature, said sheet

has a yield strength R_{0.2} of less than 170 MPa and has a high temperature yield strength, at the

beginning of a paint baking heat treatment after a temperature rise, of at least 160 MPa..

2. (canceled)

3. (previously presented) Body roof according to claim 1, wherein said skin part has a high

temperature yield strength, at the end of a paint baking heat treatment greater than 200 MPa.

4. (previously presented) Body roof according to claim 1 wherein the low temperature yield

strength, after paint baking, of the skin part is greater than 220 MPa.

5. (previously presented) Body roof according to claim 1 wherein the alloy of the skin part

comprises 0.7 to 1% Si.

6. (canceled)

7. (previously presented) Body roof according to claim 1 wherein the alloy of the skin part

comprises 0.45 to 0.6% Mn.

(previously presented) Body roof according to claim 1 wherein the alloy of the skin part 8.

comprises 0.6 to 0.9% Mg.

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9. (previously presented) Body roof according to claim 1 wherein the alloy of the skin part

comprises 0.1 to 0.7% Zn.

10. (previously presented) Body roof according to claim 9, wherein the alloy of the skin part

comprises 0.15 to 0.3% Zn.

11. (currently amended) Auto body part comprising at least one part made of steel and at

least one skin part made of an aluminum alloy attached to the steel part before painting, the

aluminum part comprises a sheet treated by solutionizing, quenching and age-hardening at room

temperature, said sheet having the following composition in wt %:

Si: 0.7-1.3, Fe < 0.5, Cu: 0.8[[5]]-1.1, Mn: 0.4-1.0, Mg: 0.6-1.2, Zn < 0.7, Cr < 0.25,

Zr+Ti < 0.20, other elements < 0.05 each and < 0.15 total, remainder aluminum, and wherein

after solution treatment, quenching and age-hardening for three weeks at room temperature, said

sheet has a yield strength R_{0,2} of less than 170 MPa and has a high temperature yield strength, at

the beginning of a paint baking heat treatment after a temperature rise, of at least 160 MPa...

12. (previously presented) An auto body part according to claim 11, comprising a body roof.

13. (previously presented) Auto body part according to claim 11 wherein the aluminum alloy

part is a body roof.

14. (currently amended) Auto body skin part made of a sheet metal having a thickness of

between 0.8 and 1.2 mm, said part having the following composition (% by weight): Si: 0.7-1.3,

Fe < 0.5, Cu: 0.8[[5]]-1.1, Mn: 0.4-1.0, Mg: 0.6-1.2, Zn < 0.7, Cr < 0.25, Zr+Ti < 0.20, other

elements < 0.05 each and < 0.15 total, remainder aluminum, wherein, after solution treatment,

quenching and age-hardening for three weeks at room temperature, said part has a yield strength

 $R_{0.2}$ of less than about 160 MPa.

15. (previously presented A part according to claim 14, wherein the high temperature yield

strength thereof at the beginning of said part being subjected to a paint baking heat treatment

after a temperature rise, is greater than about 160 MPa.

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16. (previously presented) A part according to claim 14, having a high temperature yield

strength at the end of being subjected to a paint baking heat treatment is greater than about 200

MPa.

17. (previously presented) A part according to claim 14, having a low temperature yield

strength after being subjected to a paint baking treatment that is greater than about 220 MPa.

18. (previously presented) A part according to claim 14, comprising 0.7 to 1% Si.

19. (previously presented) An auto body part comprising a part according to claim 14 and a

steel part.

20. (previously presented) An auto body part of claim 19 comprising at least part of an auto

roof.

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